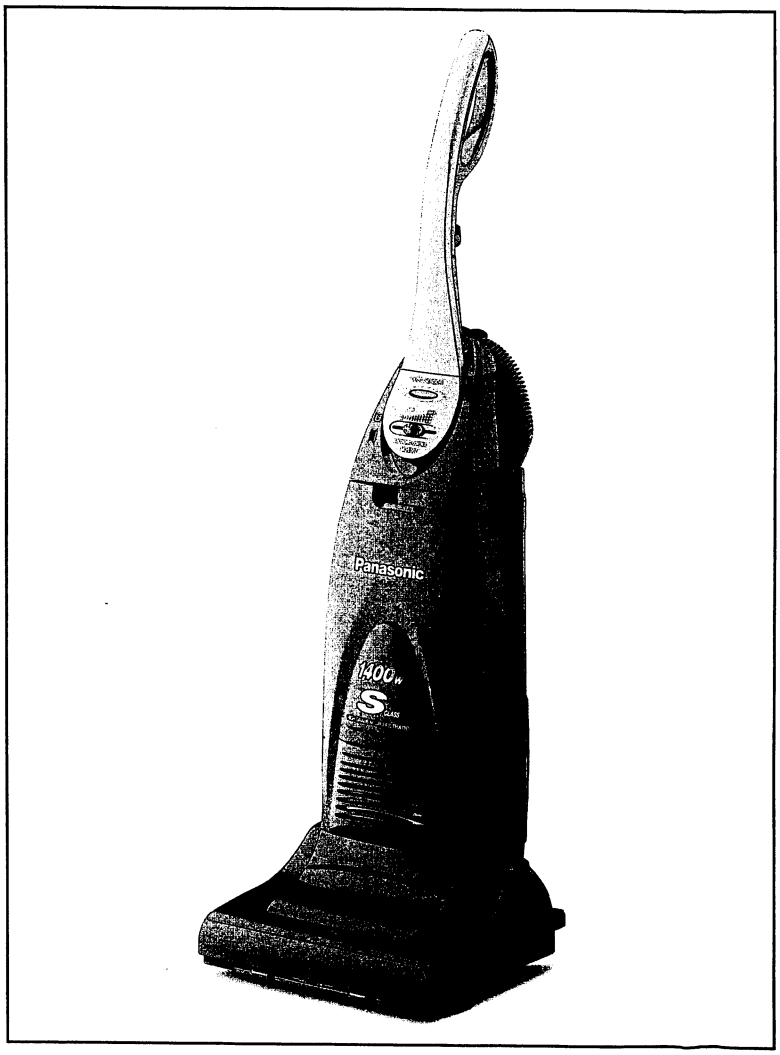
Ref.: Z32M6000

Service Manual

Vacuum Cleaner

MODELS MC-E564K / MC-E566K / MC-E567K
MC-E564 / MC-E566 / MC-E567



■ SPECIFICATIONS

	MC-E564K MC-E564	MC-E566K MC-E566	MC-E567K MC-E567
Power source	AC230-240V 50Hz	AC230-240V 50Hz	AC230-240V 50Hz
Input power	1100-1200W	1100-1200W	1100-1200W
Vacuum	16,6 kPa	16,6 kPa	16,6 kPa
Power cord length	6.5 m	6.5 m	7.5 m
Radius of operation	6.5 m	6.5 m	7.5 m
Net weight	7.2 kg	7.7 kg	7.7 kg
Dimensions (WxLxH)	335x330x1080	335x330x1080	335x330x1080
Attachments: Dusting brush	•	•	•
Upholstery nozzle	•	•	•
Crevice nozzle	•	•	•
Extension wand	•	•	•

Specifications are subject to change without notice for further improvement.

Panasonic

Panasonic Espa a, S.A.
DIVISION DE ASPIRADORAS
Zona Industrial del Polígono de CELRÀ
17460 CELRÀ (Girona) SPAIN

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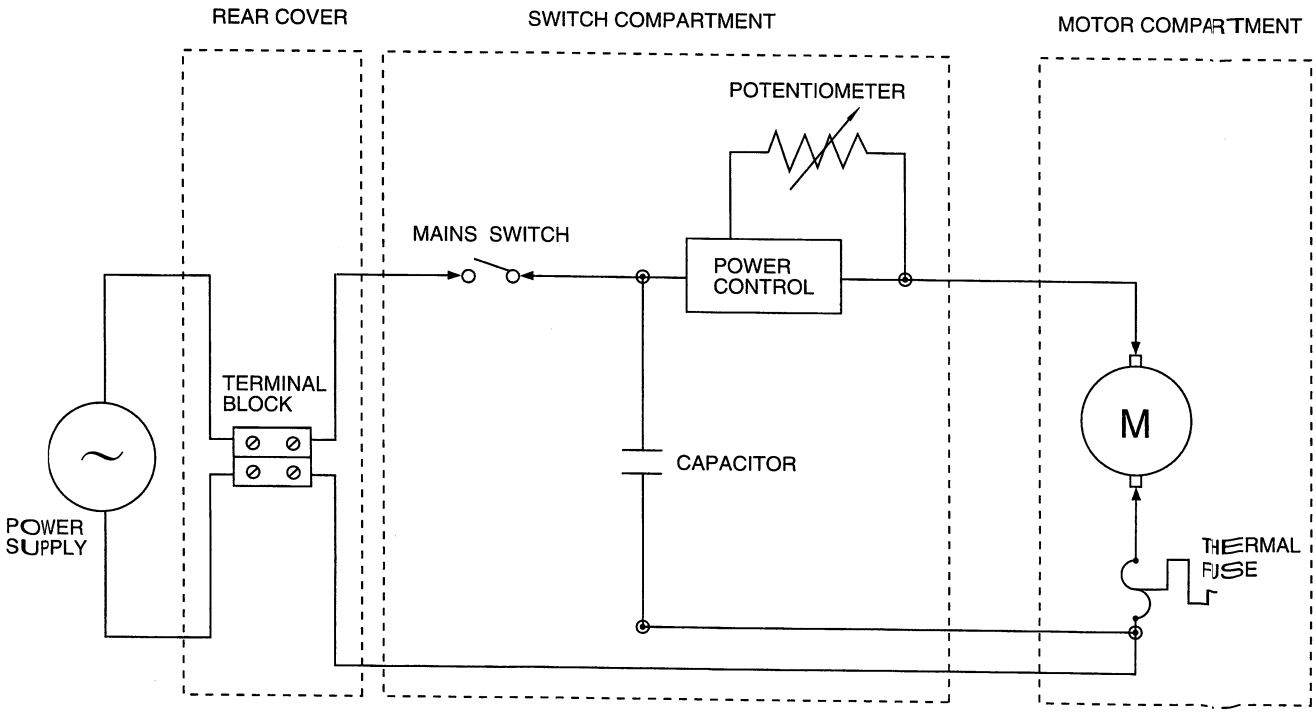
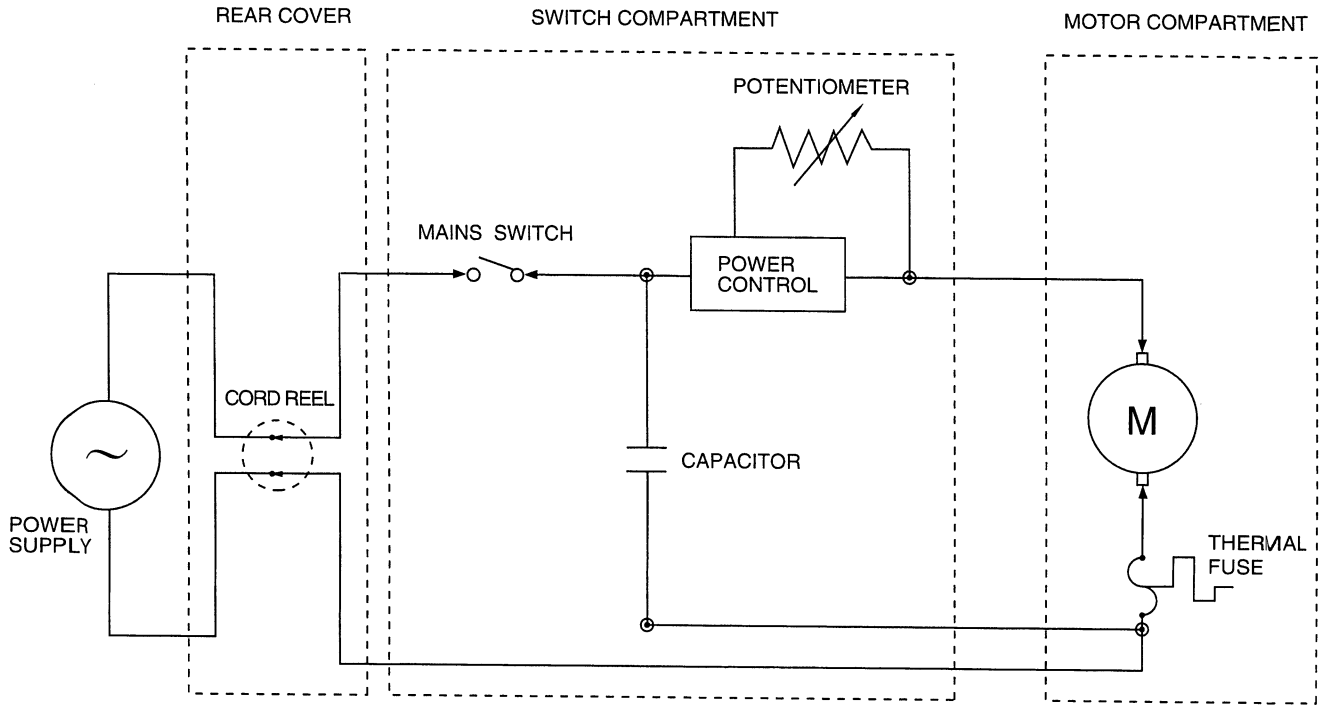
SCHEMATIC DIAGRAM

MC-E564K / MC-E564

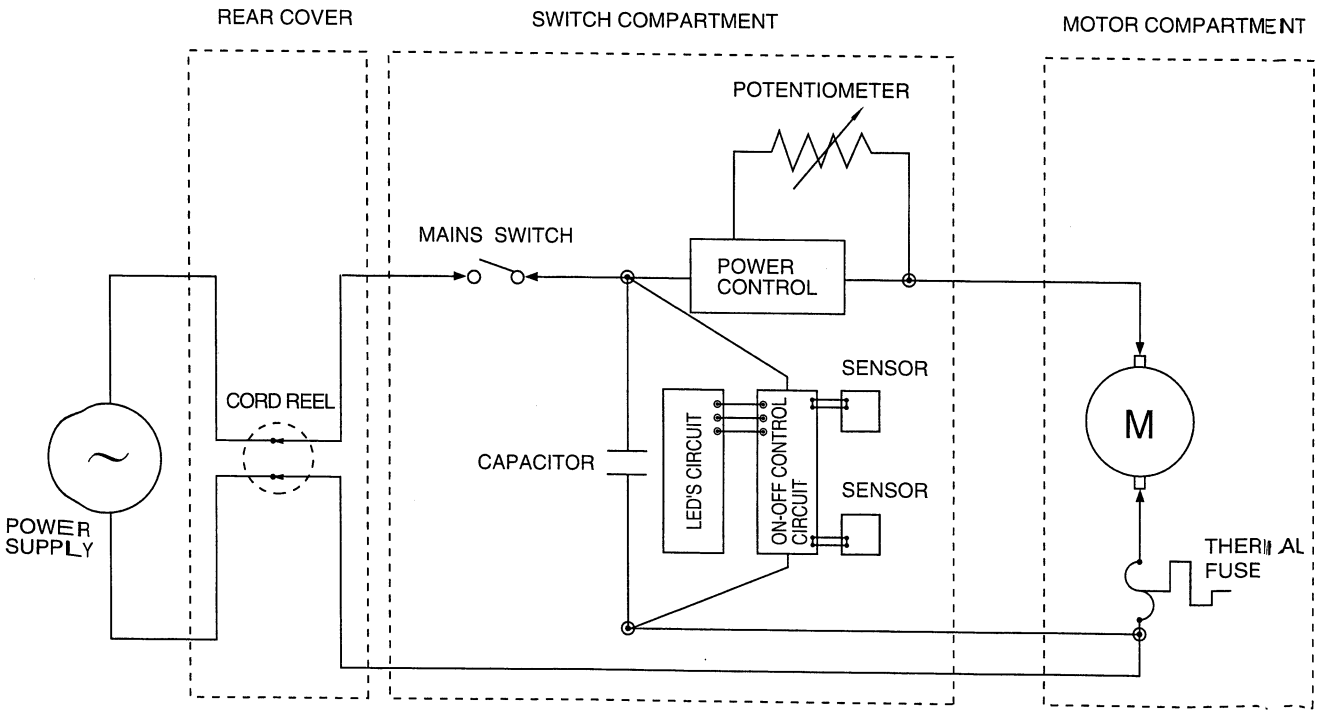


■ SCHEMATIC DIAGRAM

MC-E566K / MC-E566

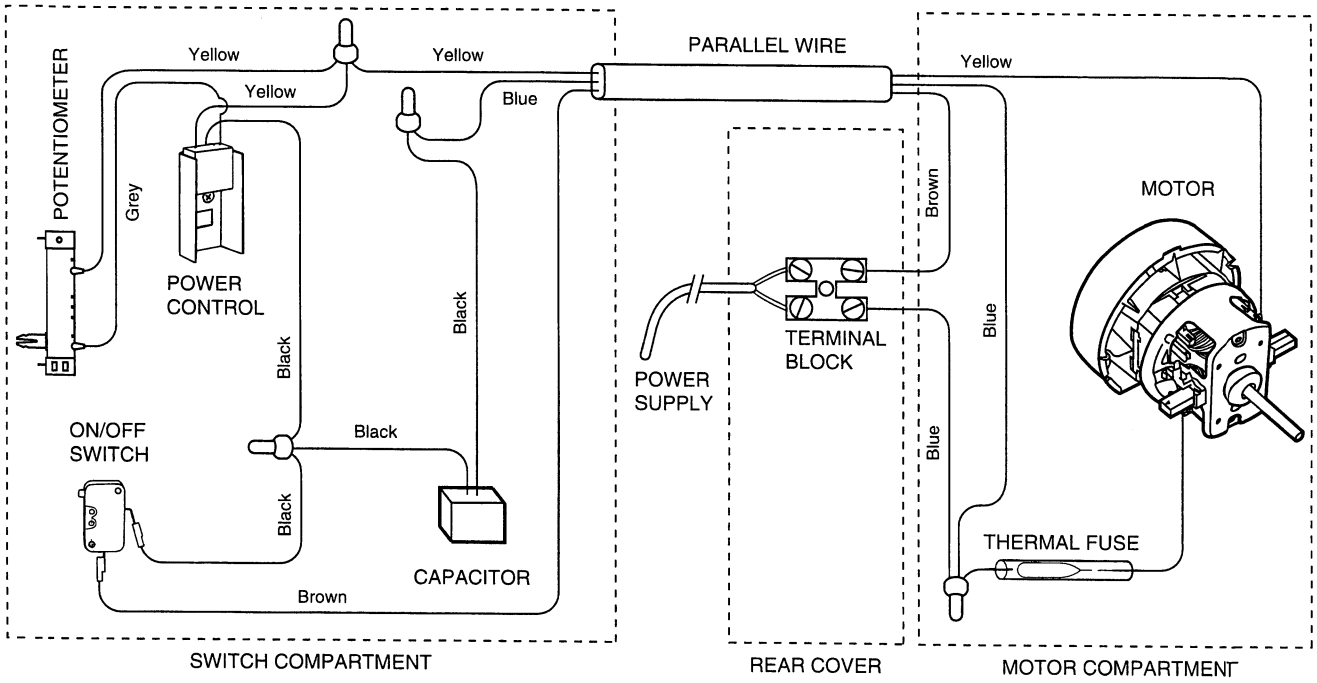


MC-E567K / MC-E567

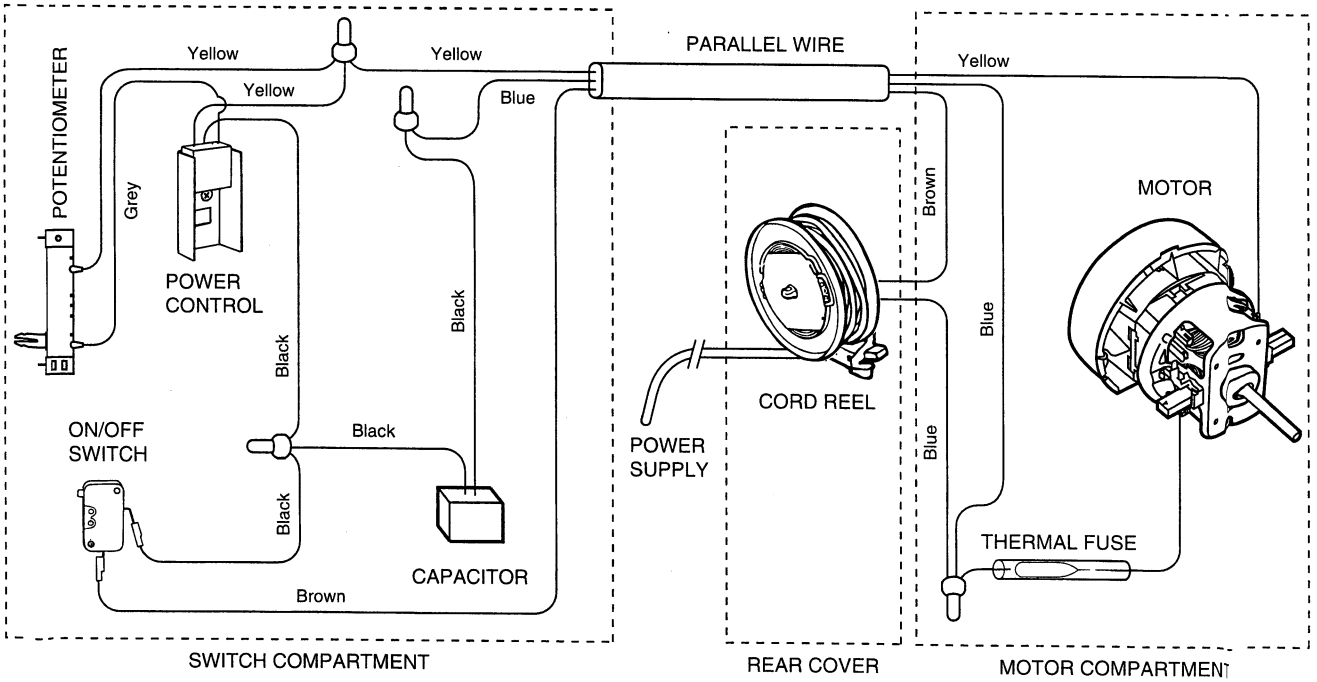


■ PICTORIAL WIRING DIAGRAM

MC-E564K / MC-E564

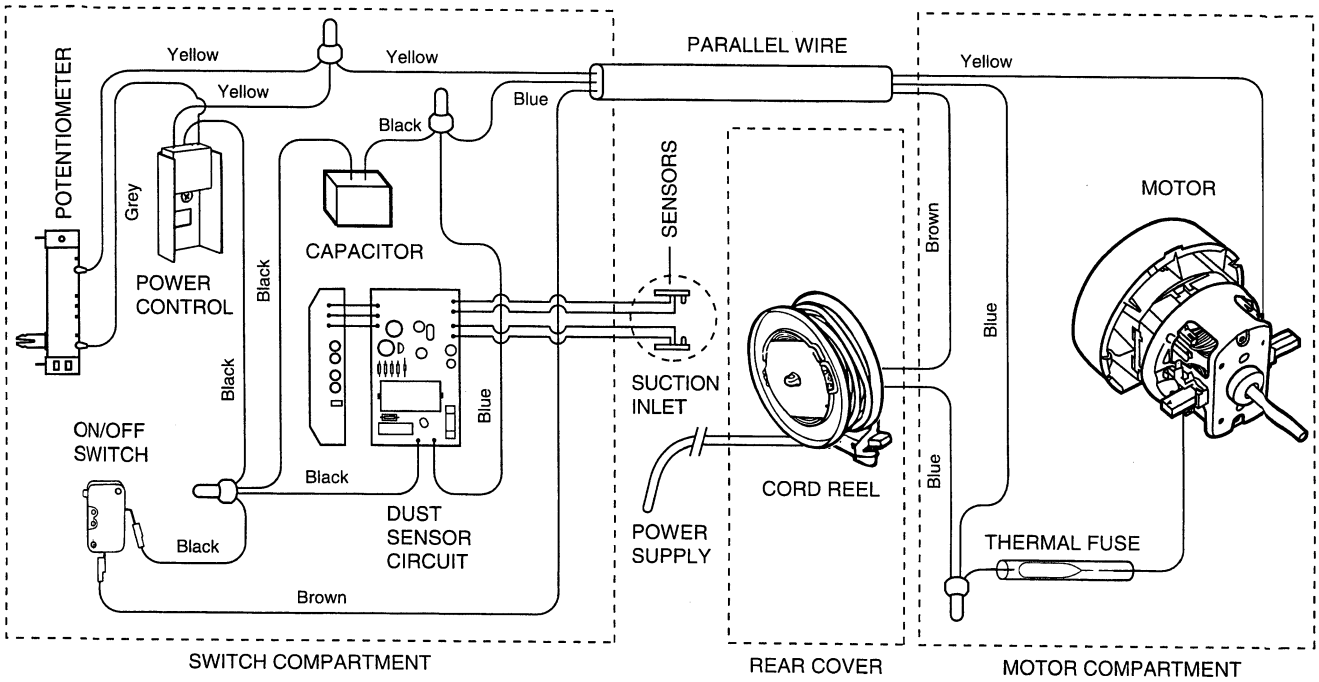


MC-E566K / MC-E566

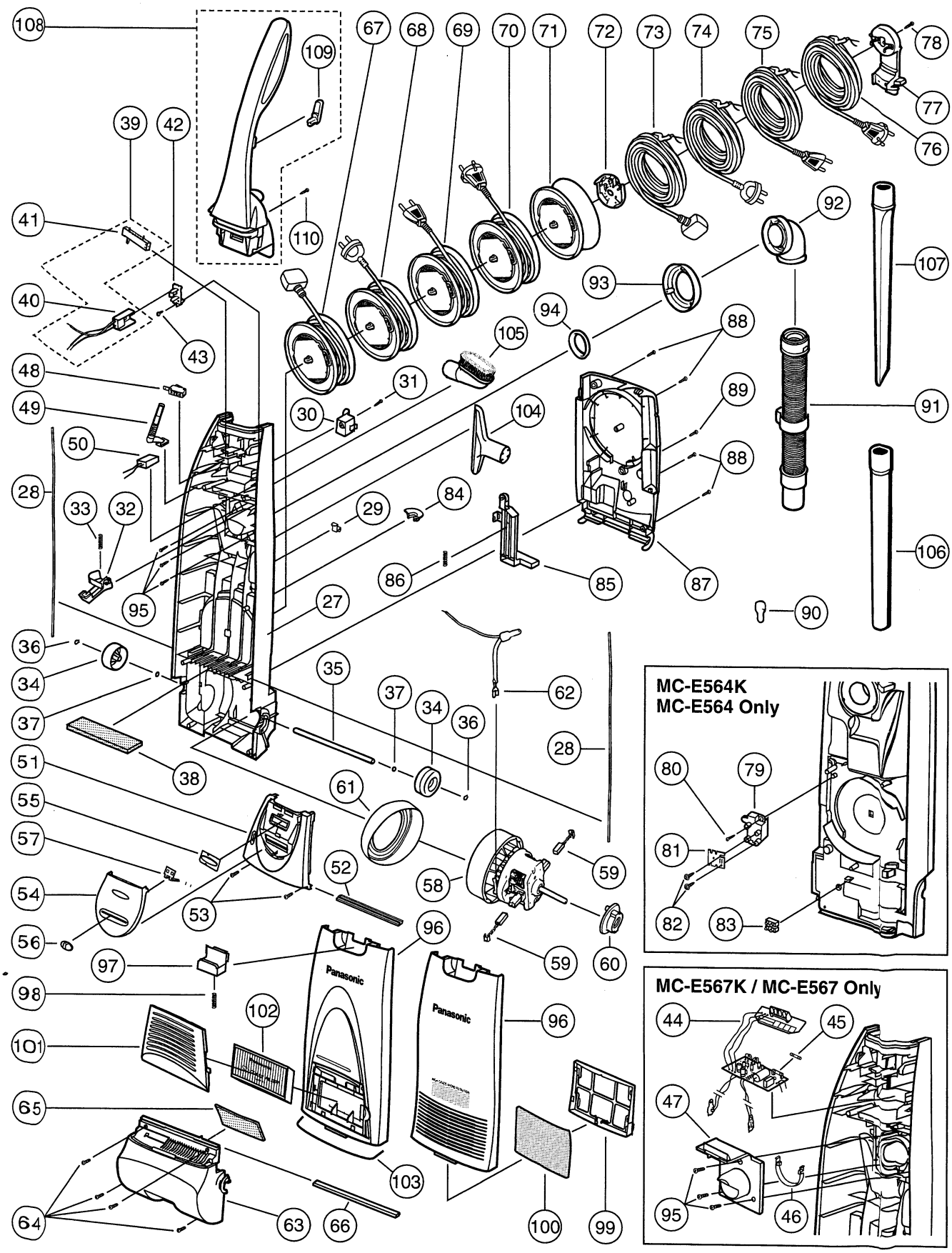


■ PICTORIAL WIRING DIAGRAM

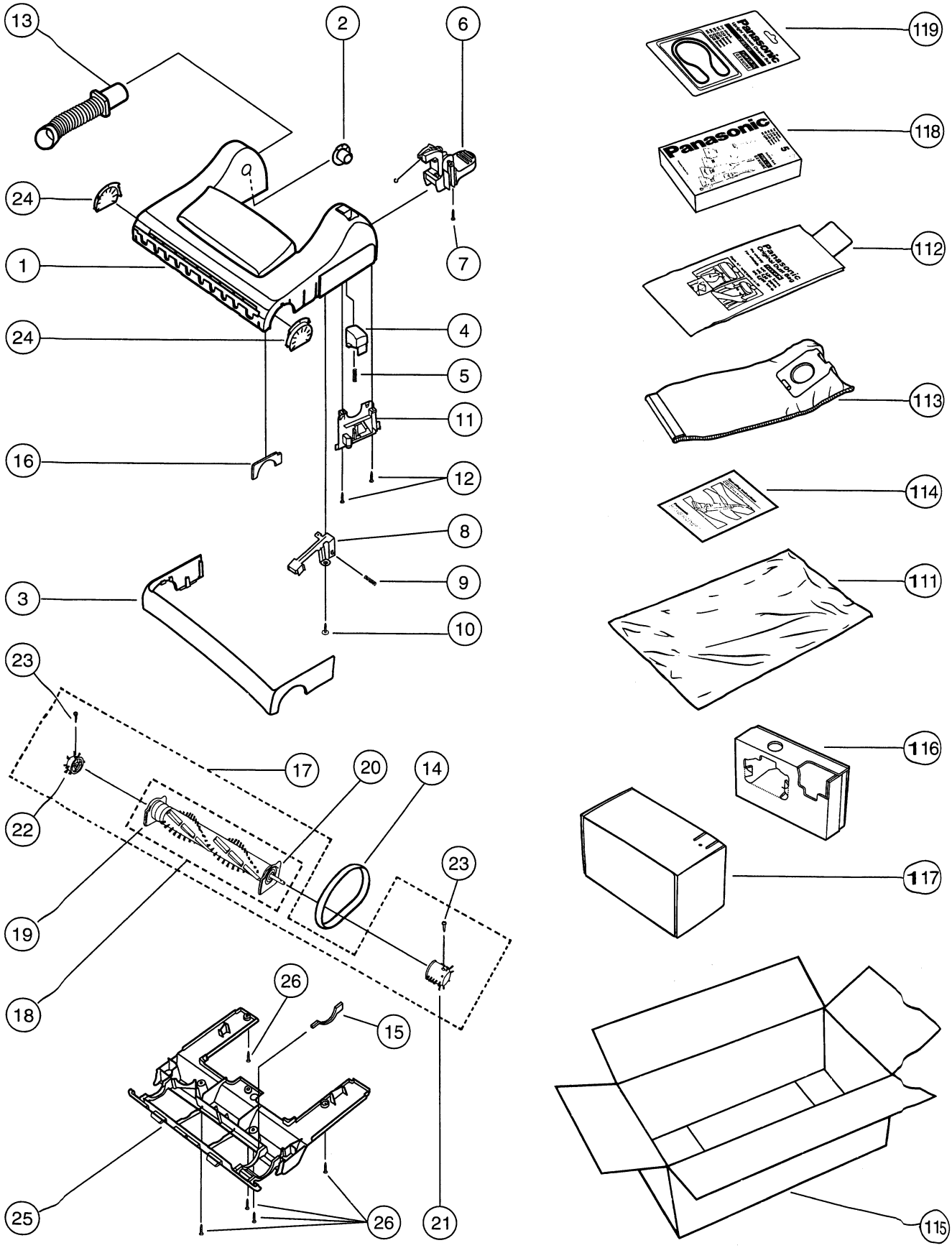
MC-E567K / MC-E567



■ EXPLODED VIEW



■ EXPLODED VIEW



■ SPARE PARTS LIST

REF.No.	DESCRIPTION	PART.No.	Pcs/Set	MC-E564K MC-E564	MC-E566K MC-E566	MC-E567K MC-E567	Applied for all countries (✓)	REMARKS
1	FLOOR NOZZLE COVER	AMC8A28M60Z1	1	•			✓	Blue colour
	FLOOR NOZZLE COVER	AMC8A28M6022	1	•			✓	White colour
	FLOOR NOZZLE COVER	AMC8A28M6014	1		•		✓	Green colour
	FLOOR NOZZLE COVER	AMC8A28M6076	1			•	✓	Red colour
2	PLASTIC SHAFT	AMC8C27M1000	1	•	•	•	✓	
3	FLOOR NOZZLE BUMPER	AMC8A33M1034	1	•	•	•	✓	
4	PEDAL SELECTOR (BEATER BAR)	AMC8R31M1034	1	•	•	•	✓	
5	SPRING	AMC8F30B1000	1	•	•	•	✓	
6	FLOOR NOZZLE PEDAL ASS'Y	AMC8A78M1000	1	•	•	•	✓	
7	TAPPING SCREW	XTN4+18B	1	•	•	•	✓	
8	LEVER SELECTOR	AMC8R23M1000	1	•	•	•	✓	
9	SPRING	AMC8F30B1000	1	•	•	•	✓	
10	FIXING SCREW	AMC8C0891000	1	•	•	•	✓	
11	FRAME ASS'Y	AMC8AZ7M1000	1	•	•	•	✓	
12	TAPPING SCREW	XTN4+18B	2	•	•	•	✓	
13	SUCTION PIPE	AMC8H02M1034	1	•	•	•	✓	
14	BELT	AMC8R15G2000	1	•	•	•	✓	
15	ROTARY FELT A	AMC8R42B1000	1	•	•	•	✓	
16	ROTARY FELT B	AMC8R43B1100	1	•	•	•	✓	
17	ROTARY BRUSH UNIT	AMC8R98M1064	1	•	•	•	✓	
18	ROTARY BRUSH	AMC8R88M1064	1	•	•	•	✓	
19	BEARING SUPPORT A	AMC8R12G1061	1	•	•	•	✓	
20	BEARING SUPPORT B	AMC8R13G1061	1	•	•	•	✓	
21	SIDE BRUSH UNIT A	AMC8R96B7061	1	•	•	•	✓	
22	SIDE BRUSH UNIT B	AMC8R91G1061	1	•	•	•	✓	
23	TAPPING SCREW	XSN3+16E	2	•	•	•	✓	
24	SIDE BRUSH PROTECTOR	AMC8R45B1134	2	•	•	•	✓	
25	BASE PLATE ASS'Y	AMC8AZ3M6034	1	•	•	•	✓	
26	TAPPING SCREW	XTN4+18B	5	•	•	•	✓	
27	LOWER BODY	AMC8C02M10Z0	1	•			✓	Blue colour
	LOWER BODY	AMC8C02M1022	1	•			✓	White colour
	LOWER BODY	AMC8C02M1015	1		•		✓	Green colour
	LOWER BODY	AMC8C02M2074	1			•	✓	Red colour
28	DUST SEAL	AMC8T04M1034	2	•	•	•	✓	
29	UPHOLSTERY NOZZLE CLIP	AMC8AZ1M1034	1	•	•	•	✓	
30	DUSTING BRUSH CLIP	AMC8AZ2M1034	1	•	•	•	✓	
31	TAPPING SCREW	XTN4+18B	1	•	•	•	✓	
32	PAPER BAG CLAMP	AMC8F02M1034	1	•	•	•	✓	
33	SPRING	AMC8R52M1000	1	•	•	•	✓	
34	WHEEL	AMC8R0191034	2	•	•	•	✓	
35	WHEEL SHAFT	AMC8A55M1000	1	•	•	•	✓	
36	FIXING WASHER	XUB7000I	2	•	•	•	✓	
37	PLAIN WASHER	XWG7000J	2	•	•	•	✓	
38	CENTRAL FILTER	AMC8F03M1000	1	•	•	•	✓	
39	POWER CONTROL UNIT	AMC8E91M3000	1	•	•	•	✓	
40	POWER CONTROL + REFRIGERATOR	AMC8EZ2B1000	1	•	•	•	✓	
41	SLIDING POTENTIOMETER	AMC8E1605000	1	•	•	•	✓	
42	TRIAC SUPPORT	AMC8E6635000	1	•	•	•	✓	
43	TAPPING SCREW	XTN4+18B	1	•	•	•	✓	
44	DUST SENSOR CIRCUIT UNIT	AMC8EZ6M2000	1			•	✓	
45	FUSE	AMC8B42M2000	1			•	✓	
46	SENSOR COVER	AMC8T52M2000	1			•	✓	
47	SUCTION INLET SUPPLEMENT	AMC8T21M2061	1			•	✓	
48	SWITCH	AMC8E01B7000	1	•	•	•	✓	

■ SPARE PARTS LIST

REF.No.	DESCRIPTION	PART.No.	Pcs/Set	MC-E564K MC-E540	MC-E566K MC-E566	MC-E567K MC-E567	Applied for all countries (✓)	REMARKS
49	DUST BAG CHECK INDICATOR	AMC8I99M1000	1	•	•	•	✓	
50	CAPACITOR	AMC8E15B7000	1	•	•	•	✓	
51	SWITCH COVER	AMC8T37M10Z1	1	•			✓	Blue colour
	SWITCH COVER	AMC8T37M1022	1	•			✓	White colour
	SWITCH COVER	AMC8T37M1014	1		•		✓	Green colour
	SWITCH COVER	AMC8T37M1076	1			•	✓	Red colour
52	SWITCH COVER SEAL	AMC8C24B1034	1	•	•	•	✓	
53	TAPPING SCREW	XTN4+18B	2	•	•	•	✓	
54	CONTROL PANEL	AMC8M01M4037	1	•			✓	
	CONTROL PANEL	AMC8M01M6037	1		•		✓	
	CONTROL PANEL	AMC8M01M7037	1			•	✓	
55	LED INDICATOR	AMC8I33M2001	1			•	✓	
56	POTENTIOMETER BUTTON	AMC8E17M1034	1	•	•	•	✓	
57	BUTTON SUPPLEMENT	AMC8E21M1061	1	•	•	•	✓	
58	MOTOR UNIT SDS-1304M	AMC81SD04M00	1	•	•	•	✓	
59	CARBON BRUSH	AMC8130C9801	2	•	•	•	✓	
60	REAR MOTOR SUPPORT	AMC8E09B1000	1	•	•	•	✓	
61	FRONT MOTOR SUPPORT	AMC8E0891000	1	•	•	•	✓	
62	THERMAL FUSE UNIT	AMC8EZ0M0000	1	•			✓	
	THERMAL FUSE UNIT	AMC8EZ0M1000	1		•	•	✓	
63	UPPER BODY	AMC8C01M10Z1	1	•			✓	Blue colour
	UPPER BODY	AMC8C01M1022	1	•			✓	White colour
	UPPER BODY	AMC8C01M1014	1		•		✓	Green colour
	UPPER BODY	AMC8C01M1076	1			•	✓	Red colour
64	TAPPING SCREW	XTN4+18B	4	•	•	•	✓	
65	REAR FILTER	AMC8T09M1000	1	•	•	•	✓	
66	UPPER BODY SEAL	AMC8C09M1034	1	•	•	•	✓	
67	CORD REEL ASS'Y	AMC8PZ1M1000	1		•			Applied to UK, Ireland
	CORD REEL ASS'Y	AMC8PZ1M3000	1			•		
68	CORD REEL ASS'Y	AMC8P97B8000	1		•			Applied to Australia, N. Zealand
	CORD REEL ASS'Y	AMC8PZ3M3000	1			•		
69	CORD REEL ASS'Y	AMC8P88M1000	1		•			Applied to Italy, Switzerland, Portugal, OS
	CORD REEL ASS'Y	AMC8P88M3000	1			•		
70	CORD REEL ASS'Y	AMC8P97B9000	1		•			Applied to East European countries & West countries except above.
	CORD REEL ASS'Y	AMC8P97M3000	1			•		
71	CORD REEL	AMC8P90B6000	1		•		✓	
	CORD REEL	AMC8P90M2000	1			•	✓	
72	RAIL BASE UNIT	AMC8P9381100	1		•	•	✓	
73	POWER CORD SUPPLY / UK Plug	AMC8EZ1G1000	1	•	•			Applied to UK, Ireland
	POWER CORD SUPPLY / UK Plug	AMC8EZ1M3000	1			•		
74	POWER CORD SUPPLY / AUST. Plug	AMC8EZ3B8000	1	•	•			Applied to Australia, N. Zealand
	POWER CORD SUPPLY / AUST. Plug	AMC8EZ3M3000	1			•		
75	POWER CORD SUPPLY / Pin Ø 4	AMC8E98M1000	1	•	•			Applied to Italy, Switzerland, Portugal, OS
	POWER CORD SUPPLY / Pin Ø 4	AMC8E98M3000	1			•		
76	POWER CORD SUPPLY / Pin Ø 4.8	AMC8E97B9000	1	•	•			Applied to East European countries & West countries except above.
	POWER CORD SUPPLY / Pin Ø 4.8	AMC8E97M3000	1			•		
77	CORD REEL SUPPORT UNIT	AMC8P91B6100	1		•	•	✓	
78	TAPPING SCREW	XTN4+18B	1		•	•	✓	
79	CORD GUIDE	AMC8P29B1022	1	•			✓	

■ SPARE PARTS LIST

REF.No.	DESCRIPTION	PART.No.	Pcs/Set	MC-E564K MC-E564	MC-E566K MC-E566	MC-E567K MC-E567	Applied for all countries (✓)	REMARKS
80	TAPPING SCREW	XTN4+18B	1	•			✓	
81	CORD STOPPER	AMC8P1691000	1	•			✓	
82	FIXING SCREW	AMC8C0891000	2	•			✓	
83	TERMINAL BLOCK	AMC8E57G5000	1	•			✓	
84	CORD COVER	AMC8C07B1034	1	•	•	•	✓	
85	BRAKE LEVER UNIT	AMC8P96M1000	1		•	•	✓	
86	SPRING	AMC8F30B1000	1		•	•	✓	
87	REAR COVER	AMC8T06M00Z0	1	•			✓	Blue colour
	REAR COVER	AMC8T06M0022	1	•			✓	White colour
	REAR COVER	AMC8T06M1015	1		•		✓	Green colour
	REAR COVER	AMC8T06M1074	1			•	✓	Red colour
88	TAPPING SCREW	XTN4+18B	-	5	4	4	✓	
89	TAMPER-PROOF SCREW	XTT4L16C	1		•	•	✓	
90	WIRE CONNECTOR	AMC8E0671000	3	•	•	•	✓	
91	DETACHABLE HOSE	AMC8AZ0M1034	1	•	•		✓	
	DETACHABLE HOSE	AMC8AZ0M7034	1			•	✓	
92	SUCTION INLET	AMC8T11B1034	1	•	•	•	✓	
93	SUCTION INLET BASE	AMC8T3891034	1	•	•	•	✓	
94	SUCTION PACKING	AMC8T1291000	1	•	•	•	✓	
95	TAPPING SCREW	XTN4+18B	3	•	•	•	✓	
96	DUST COVER	AMC8T01M40Z1	1	•			✓	Blue colour
	DUST COVER	AMC8T01M4022	1	•			✓	White colour
	DUST COVER	AMC8T01M6014	1		•		✓	Green colour
	DUST COVER	AMC8T01M6076	1			•	✓	Red colour
97	LOCKING	AMC8T03M10Z1	1	•			✓	Blue colour
	LOCKING	AMC8T03M1022	1	•			✓	White colour
	LOCKING	AMC8T03M1014	1		•		✓	Green colour
	LOCKING	AMC8T03M1076	1			•	✓	Red colour
98	SPRING	AMC8T19A1000	1	•	•	•	✓	
99	FILTER SUPPORT	AMC8F18M1034	1	•			✓	
100	ELECTROSTATIC FILTER	AMC8F28D1000	1	•			✓	
101	EXHAUST COVER	AMC8T07M6014	1		•		✓	
	EXHAUST COVER	AMC8T07M6076	1			•	✓	
102	S-CLASS FILTER	AMC8S04M3000	1		•	•	✓	
103	EXHAUST COVER SEAL	AMC8T34M6000	1		•	•	✓	
104	UPHOLSTERY NOZZLE	AMC8A2791034	1	•	•	•	✓	
105	DUSTING BRUSH	AMC8A97G1034	1	•	•	•	✓	
106	EXTENSION TUBE	AMC8A1291034	1	•	•	•	✓	
107	CREVICE NOZZLE	AMC8A1391034	1	•	•	•	✓	
108	HANDLE UNIT	AMC8H99M40Z1	1	•			✓	Blue colour
	HANDLE UNIT	AMC8H99M4022	1	•			✓	White colour
	HANDLE UNIT	AMC8H99M6014	1		•		✓	Green colour
	HANDLE UNIT	AMC8H99M6076	1			•	✓	Red colour
109	CORD HOOK	AMC8H07910Z1	1	•			✓	Blue colour
	CORD HOOK	AMC8H0791022	1	•			✓	White colour
110	HANDLE SCREW	AMC8H10B1000	1	•	•	•	✓	
111	SET COVER	AMC8Z05G1100	1	•	•	•	✓	
112	PAPER BAG TYPE U-2E	AMC8F01C1100	2	•	•	•	✓	
113	CLOTH DUST BAG (REUSABLE)	AMC8F99G0000	-	•	•	•	✓	Optional

■ SPARE PARTS LIST

REF.No.	DESCRIPTION	PART.No.	Pcs/Set	MC-E564K MC-E564	MC-E566K MC-E566	MC-E567K MC-E567	Applied for all countries (✓)	REMARKS
114	OPERATING INSTRUCTIONS	AMC8Z07M6090	1	•	•	•	Depend on	Language: English, only UK, Ireland, Australia, New Zealand.
	OPERATING INSTRUCTIONS	AMC8Z07M6070	1	•	•	•	Depend on	Language: German
115	CARTON BOX	AMC8Z01M4000	1	•			✓	
	CARTON BOX	AMC8Z01M6000	1		•		✓	
	CARTON BOX	AMC8Z01M7000	1			•	✓	
116	CUSHION A	AMC8Z02M1000	1	•	•	•	✓	
117	CUSHION B	AMC8Z03M1000	1	•	•	•	✓	
118	PAPER BAG (PACK 5/PCS. TYPE U-2E)	AMC8F96C1100	-	•	•	•	✓	Detachable type
119	BLISTER PACK OF 2 BELTS	AMC8S03G2000	-	•	•	•	✓	

■ REPLACEMENT OF MAIN PARTS

IMPORTANT: Before replacing any part always DISCONNECT THE CLEANER FROM THE ELECTRICITY SUPPLY.

- **BELT**

1. Remove the 5 screws from the base plate and lift it off. (Fig. 1)

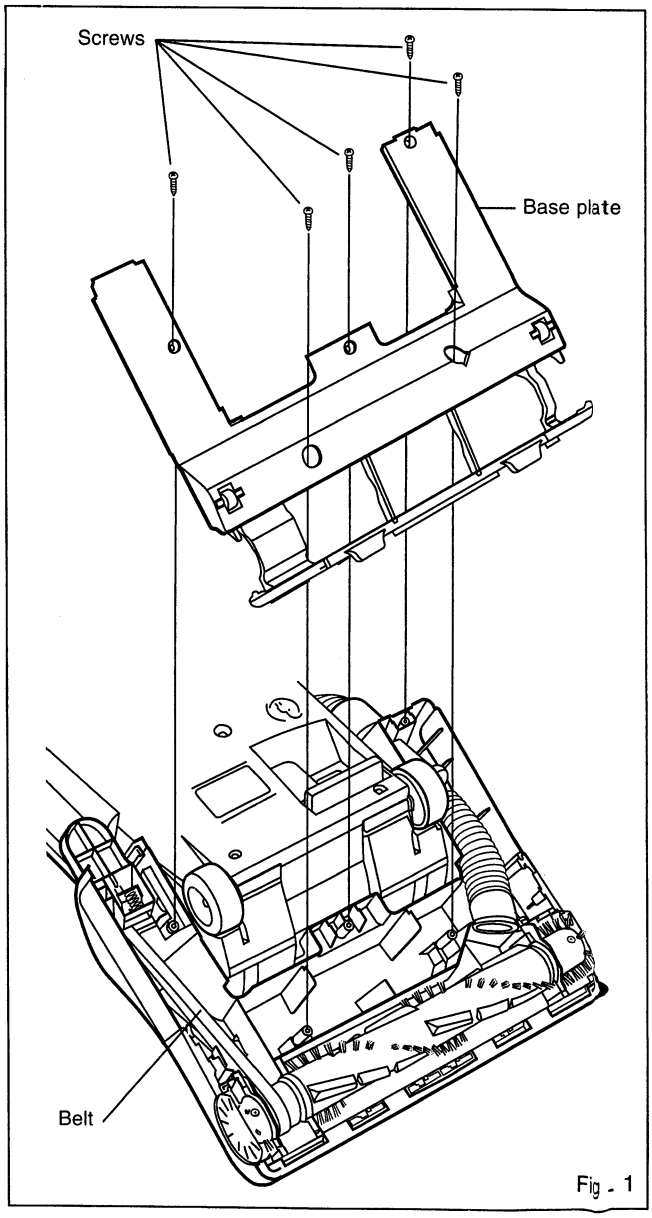


Fig. 1

■ REPLACEMENT OF MAIN PARTS

2. Release the belt from the motor shaft and lift the rotary brush ass'y to remove the belt. (Fig. 2)
3. Replace the belt by a new one and place it around the motor shaft and rotary brush pulley. Then reassemble the rotary brush ass'y.
   IMPORTANT: Make sure the belt is settled correctly in the selector lever. (Fig. 3)
4. Place the base plate and refasten the screws.

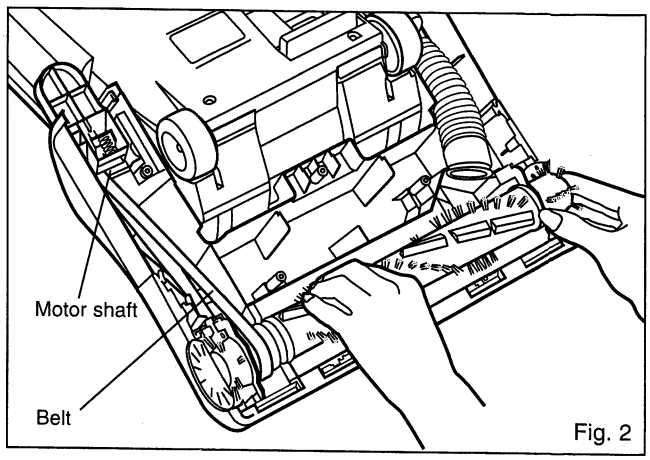


Fig. 2

• ROTARY BRUSH ASSEMBLY

1. Remove the rotary brush assembly as explained previously in paragraph "Belt replacement" points 1-2.
2. Replace the rotary brush assembly by a new. Before reinstall the rotary brush ass'y into its holding points, place the belt around the motor shaft and rotary brush pulley.
   IMPORTANT: Make sure the belt is settled correctly in the selector lever. (Fig. 3)
3. Place the base plate and refasten the screws.

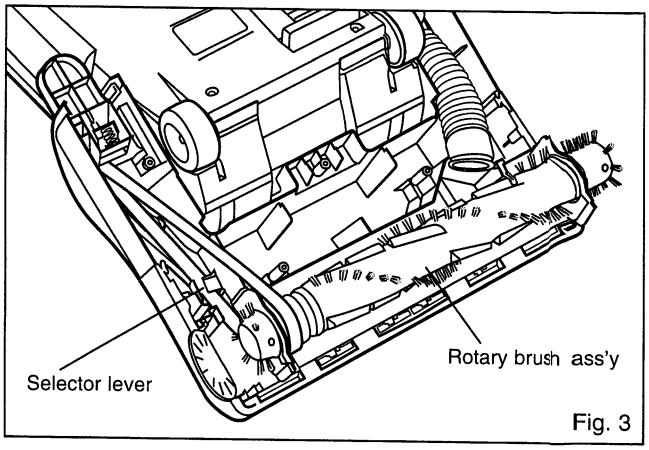


Fig. 3

• FLOOR NOZZLE PEDAL

1. Remove the base plate as explained previously.
2. Release the belt from the motor shaft.
3. Loosen two screws from the frame and one from the pedal shaft and take out both parts. (Fig.4)

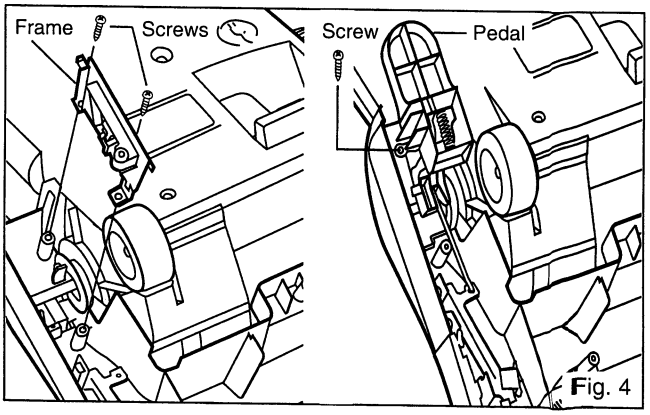


Fig. 4

4. Loosen the fixing screw from the selector lever to unhook the fixing selector lever. (Fig. 5)
   NOTE: Be careful not to lose the spring assembled between the selector lever and the nozzle cover.

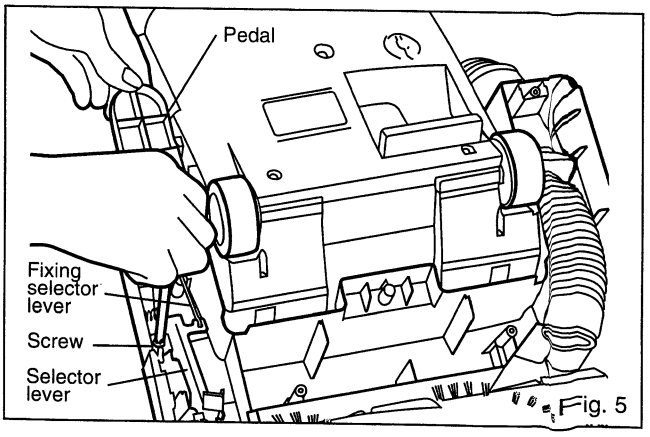


Fig. 5

■ REPLACEMENT OF MAIN PARTS

5. Replace the pedal ass'y with a new one and reinstall it in its place refastening the screw. (Fig. 6)
6. Reinstall the frame and refasten its two screws.
7. Connect the fixing selector lever and refasten the selector lever with the screw.

   NOTE: Before refasten the screw re-install the spring on the selector lever.
8. Reinstall the belt around the motor shaft.
   IMPORTANT: Make sure the belt has been settled correctly in the selector lever. (Fig. 3)
9. Place the base plate and refasten the screws.

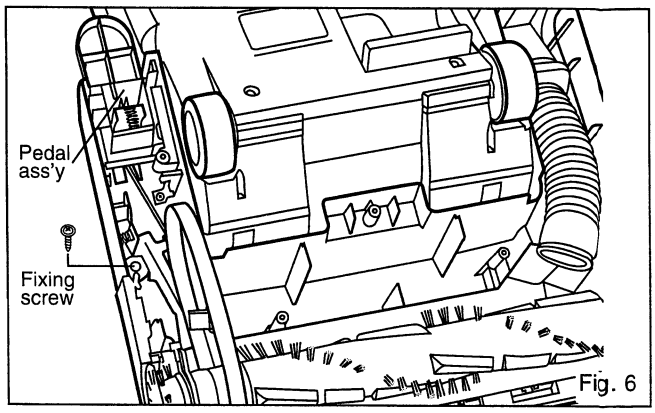


Fig. 6

• MOTOR

1. Remove the base plate as explained previously.
2. Release the belt from the motor shaft. Then loosen two screws from the frame, and release it from the pedal shaft.
3. Insert a flat-head screwdriver between nozzle cover and plastic shaft and pry out the plastic shaft. (Fig. 7). Then remove the nozzle cover.

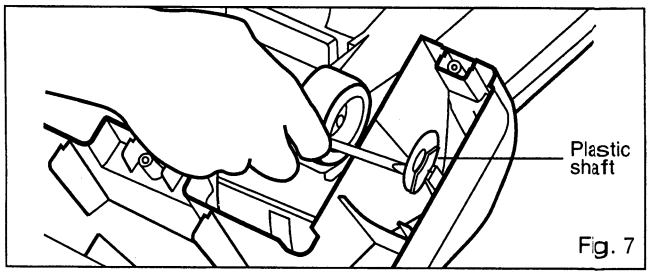


Fig. 7

4. Turn the vacuum cleaner over and loosen 4 screws from the upper body. (Fig. 8)

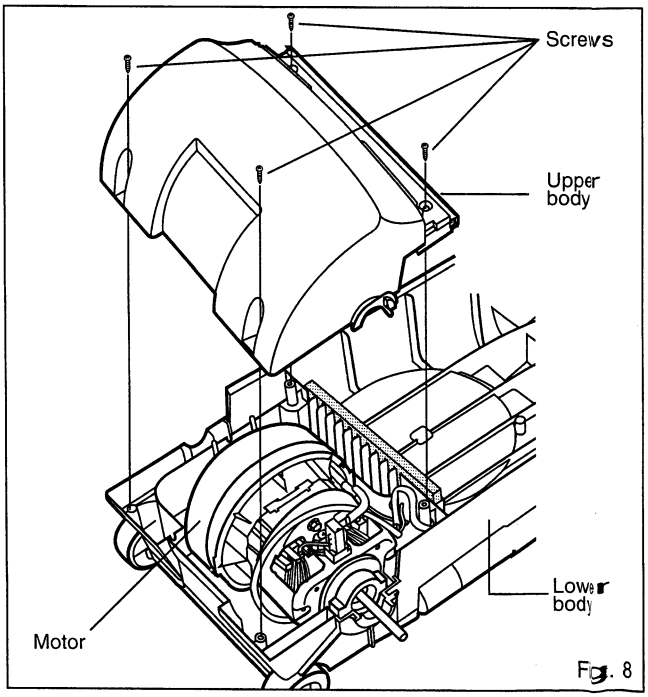


Fig. 8

5. Take out the motor unit and remove the lead wire and the thermal-fuse (provided with quick-terminals) from the carbon brush holder terminals. (Fig. 9)

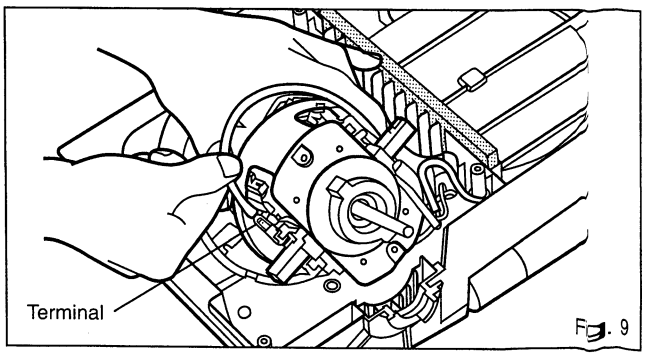


Fig. 9

■ REPLACEMENT OF MAIN PARTS

6. Remove front and rear motor supports from the motor and replace it with a new one . (Fig. 10)
7. Reassemble front and rear motor supports in the new motor and connect the lead wires according to the schematic diagram.
8. Place the motor in the lower body and reinstall the remaining parts in the reverse order.

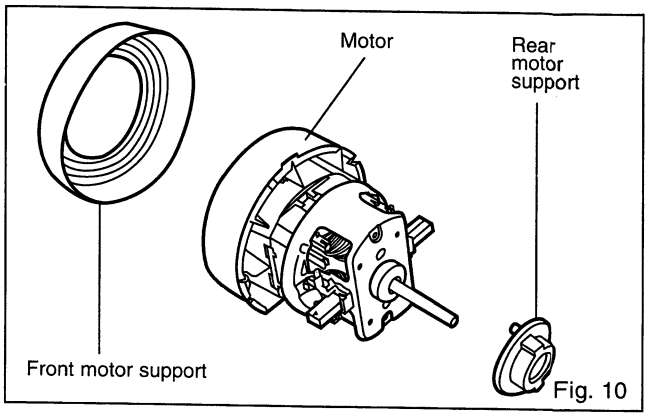


Fig. 10

• THERMAL-FUSE

1. Remove upper body as explained previously in paragraph " Motor replacement ", points 1- 4.
2. Take out the motor and remove the wire connector from the thermal-fuse. (Fig. 11)
3. Disconnect the thermal-fuse from the carbon brush holder terminal and replace it with a new one.
4. Connect the new thermal-fuse according to the schematic diagram and reinstall the remaining parts in the reverse order.

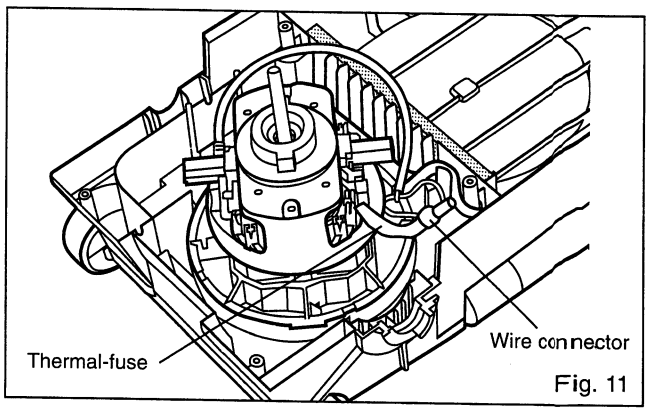


Fig. 11

• CARBON BRUSHES

1. Remove upper body as explained previously in paragraph " Motor replacement ", points 1-4.
2. Take out the motor and disconnect the lead wires from the carbon brush holder terminals.
3. Bend the metal end of the carbon brush holder and take out the carbon brush. (Fig. 12)
4. Cut off the metal end of the carbon brush holder and replace the carbon brush with a new one. (Fig. 13)

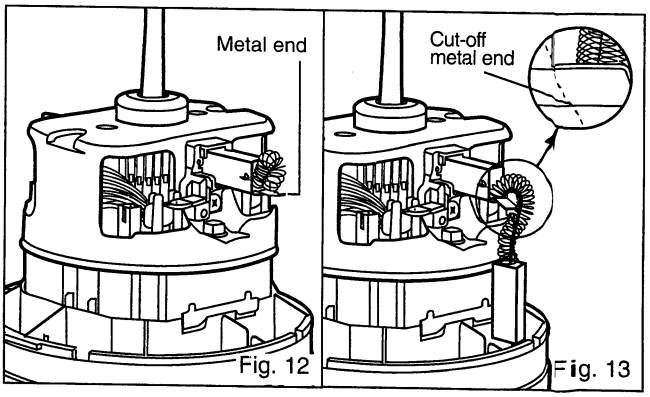


Fig. 12 Fig. 13

5. Insert the new carbon brush into the brush holder and push it until the protruded pins of the brush holder fix into the holes of the metal end. (Fig. 14)
6. Connect the lead wires according to the schematic diagram and reinstall the remaining parts in the reverse order.

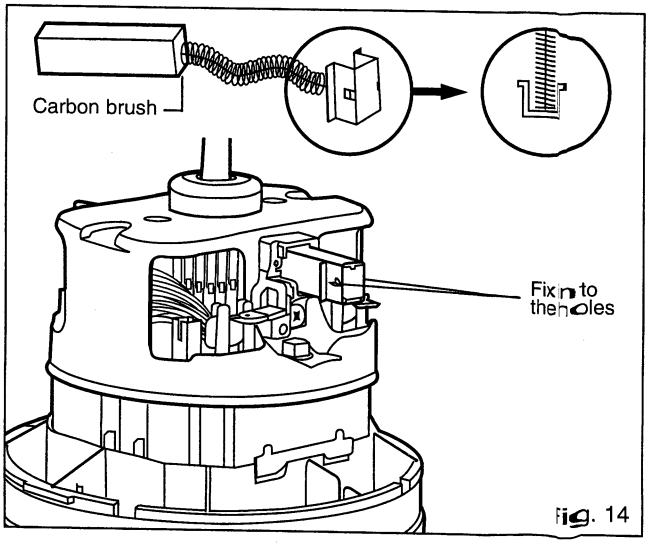


Fig. 14

■ REPLACEMENT OF MAIN PARTS

• POWER CORD (MC-E564K / MC-E564 only)

1. Loosen the 5 screws from the rear cover and remove it. (Fig. 15)

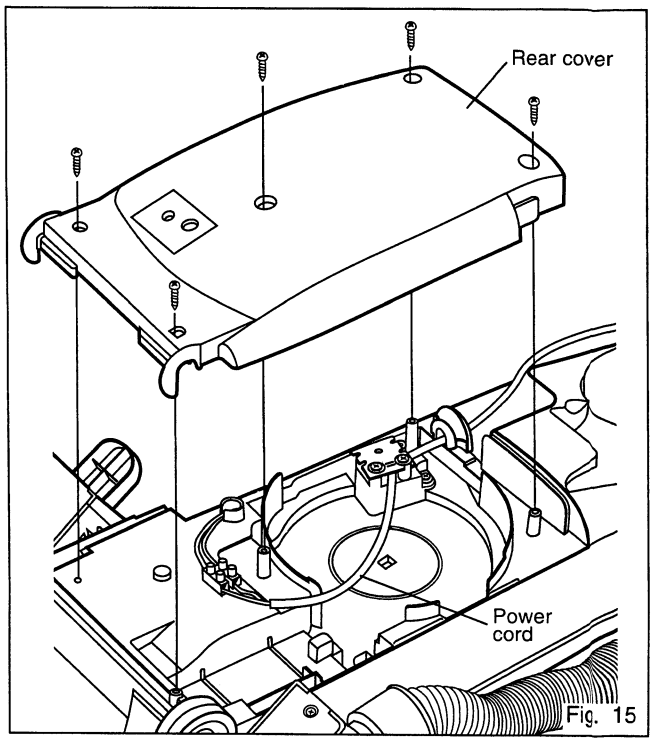


Fig. 15

2. Disconnect blue and brown power cord lead wires from the terminal block. (Fig. 16)

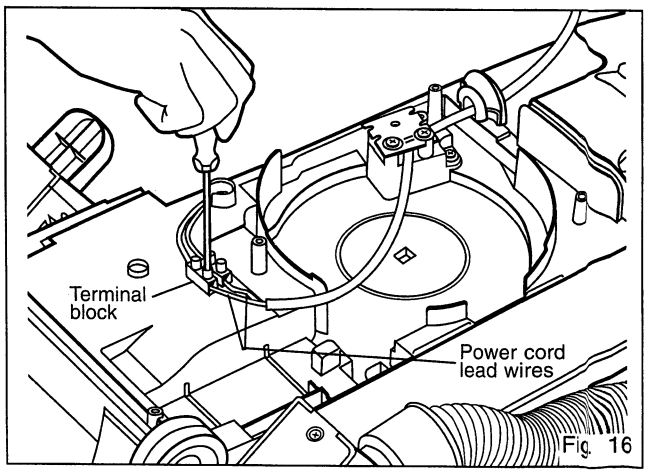


Fig. 16

3. Loosen the 2 screws of the cord stopper and slide it to one side to release the power cord. (Fig. 17)
4. Replace the power cord with a new one and connect its lead wires to the terminal block according to the schematic diagram. Then reinstall the remaining parts in the reverse order.

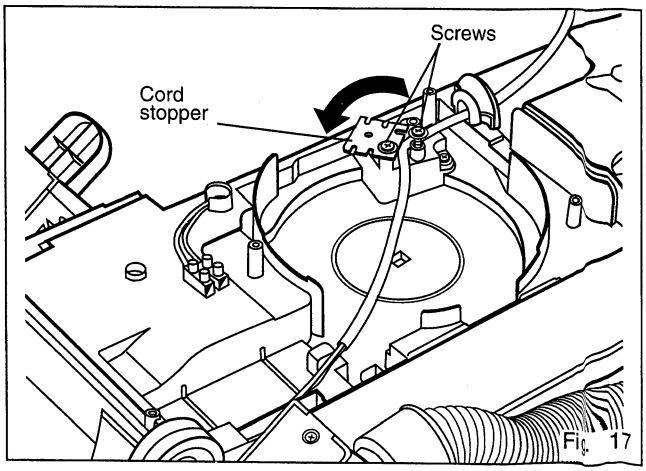


Fig. 17

■ REPLACEMENT OF MAIN PARTS

• CORD REEL UNIT / POWER CORD (MC-E566K / MC-E566 / MCE567K / MC-E567 only)

(1) Cord reel unit

1. Loosen the 5 screws of the rear cover and remove it.
2. Remove the cord cover and unwind the extra times power cord to release the cord reel spring. Then loosen the screw from the cord reel support. (Fig. 18)

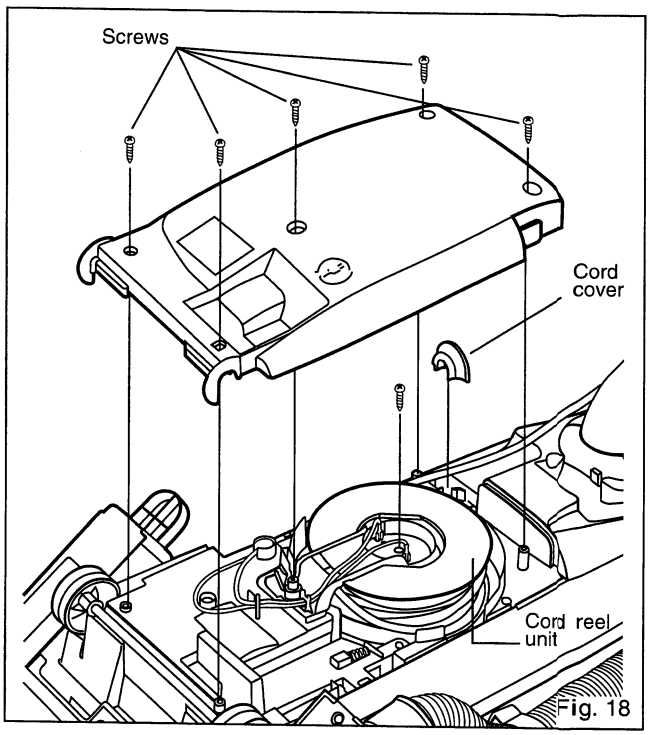


Fig. 18

3. Separate cord reel unit from the cord reel support. (Fig. 19)
4. Replace cord reel unit with a new one and assemble it together with the cord reel support and refasten the screw.
   NOTE: Before reinstall the cord reel ass'y into place, wind up the power cord extra times as indicated on the spring plate, to maintain the cord reel spring efficiency.
5. Place the cord reel assembly and reinstall the remaining parts in the reverse order.

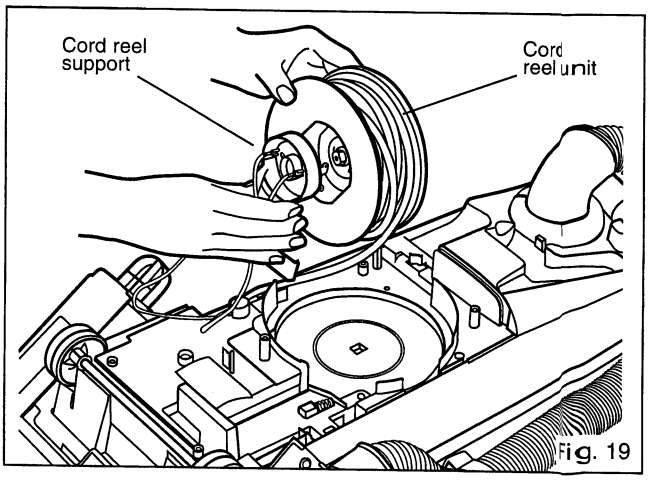


Fig. 19

(2) Power cord

1. Remove cord reel unit as explained previously in paragraph (1) Cord reel unit , points 1-3.
2. Unwind the total power cord length from the cord reel.
3. Press and release the stopper in the cord reel and lift up the rail base by pushing it lower end. (Fig. 20)

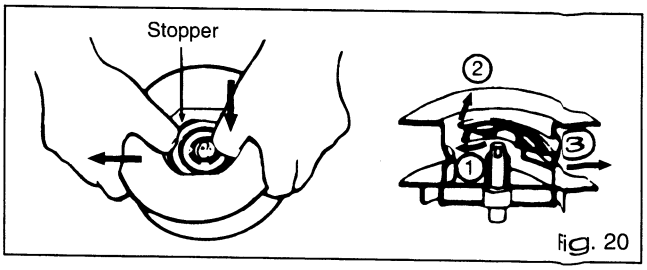


Fig. 20

4. Disconnect the power cord from the rail base and replace it with a new one.
   NOTE: Observe the power cord lead wires colour before reinstalling the new one. (Fig. 21)

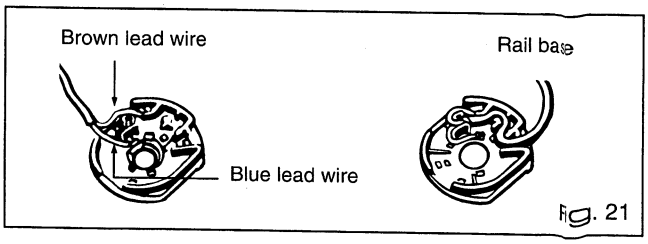


Fig. 21

■ REPLACEMENT OF MAIN PARTS

5. Insert the rail base into the cord reel slot. (Fig. 22)
6. Wind up the total power cord length in the arrow direction, as indicated on the spring plate.
   NOTE: Put vaseline on the rail base before assembling the cord reel support.
7. Assemble cord reel unit together with the cord reel support and refasten the screw.
   NOTE: Wind up the power cord extra times as indicated on the spring plate, to maintain the cord reel spring efficiency.
8. Connect the lead wires according to the schematic diagram and reinstall the remaining parts in the reverse order.

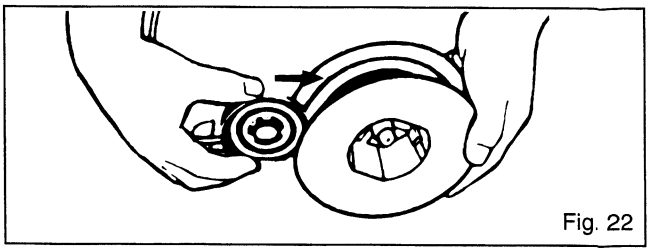


Fig. 22

• ON/OFF SWITCH

1. Loosen the 2 screws of the switch cover and remove it. (Fig. 23)

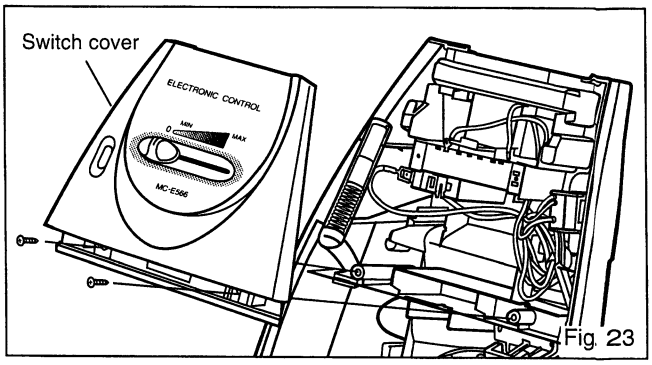


Fig. 23

2. Remove the two lead wires (provided with quick-terminal) from the switch terminals and replace the ON/OFF switch with a new one. (Fig. 24)
3. Place the new ON/OFF switch into place and connect the lead wires according to the schematic diagram. Then reinstall the remaining parts in the reverse order.

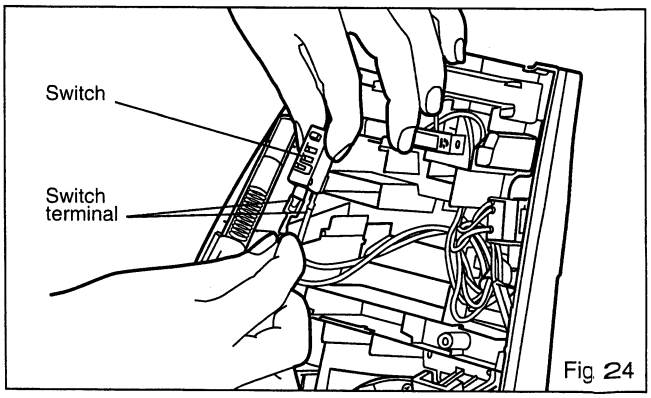


Fig. 24

POWER CONTROL / SLIDING POTENTIOMETER

(1) Power control

1. Remove the switch cover as explained previously in paragraph "ON/OFF Switch Replacement ", point 1.
2. Loosen the screw of the power control support and remove it. (Fig. 25)

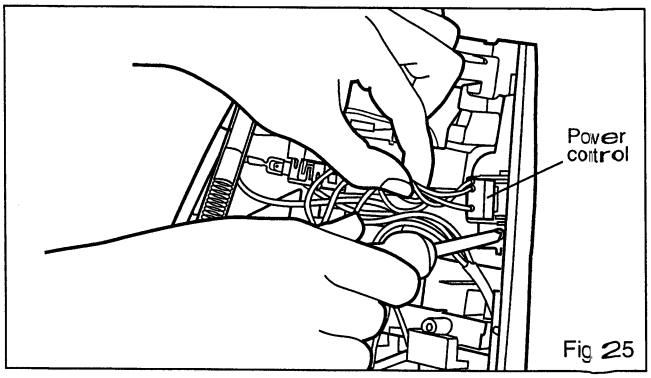


Fig. 25

3. Disconnect the power control lead wires at the connection points and replace it. (Fig.26)
4. Place the new power control in its support and refasten it with the screw. Then connect the lead wires according to the schematic diagram and reinstall the remaining parts in the reverse order.

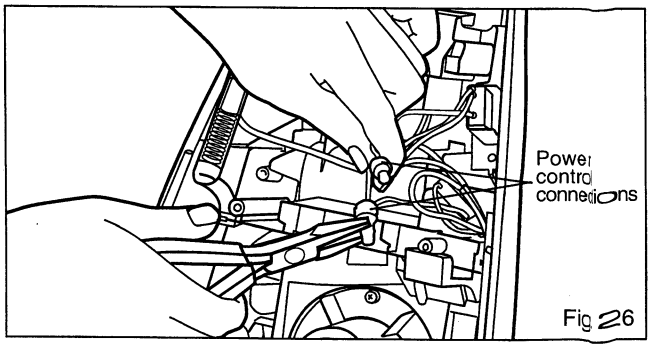


Fig. 26

■ REPLACEMENT OF MAIN PARTS

(2) Sliding potentiometer

1. Remove switch cover as explained in paragraph "ON / OFF Switch Replacement ", point 1.
2. Unsolder the two lead wires from the potentiometer tabs and replace it with a new one. (Fig. 27)
3. Connect the two lead wires to the new potentiometer tabs according to the schematic diagram and reinstall the remaining parts in the reverse order.

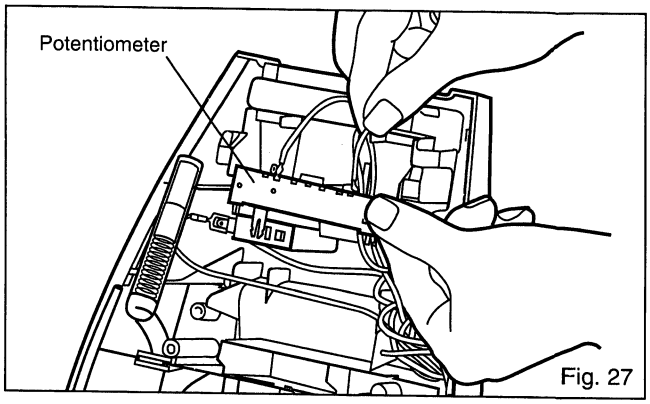


Fig. 27

• DUST SENSOR CIRCUIT (MC-E567K / MC-E567 only)

1. Remove switch cover as explained previously in paragraph "ON/OFF Switch Replacement ", point 1.
2. Loosen 3 screws from the suction inlet supplement and take it out. Then remove the sensor cover. (Fig. 28)

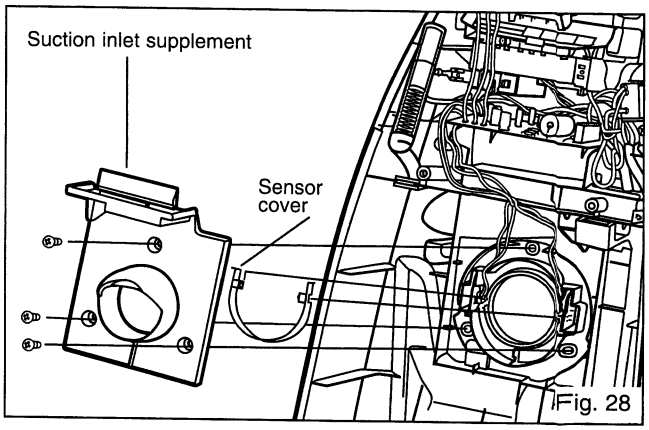


Fig. 28

3. Remove the dust sensor circuit from its holding points and disconnect the two lead wires (black / blue) from the PCB. (Fig. 29)

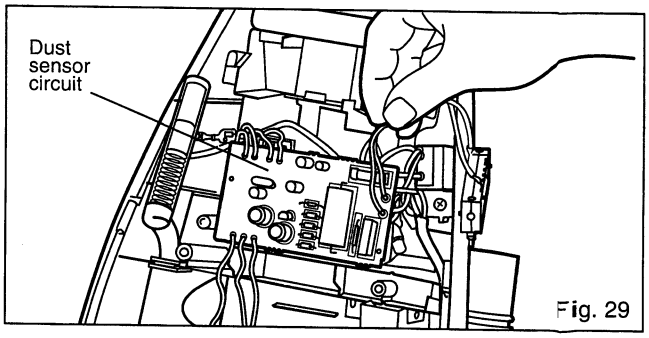


Fig. 29

4. Replace the dust sensor circuit with a new one, connect the lead wires (black / blue) to the new PCB according to the schematic diagram and reinstall the dust sensor circuit and the remaining parts in the reverse order. (Fig. 30)

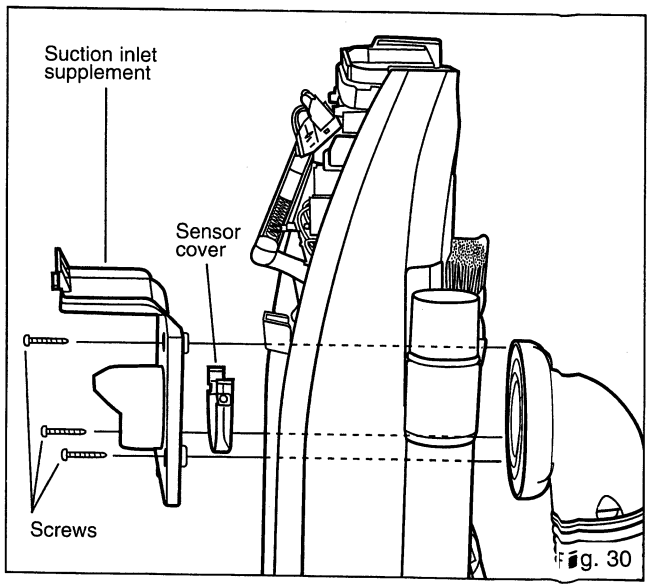


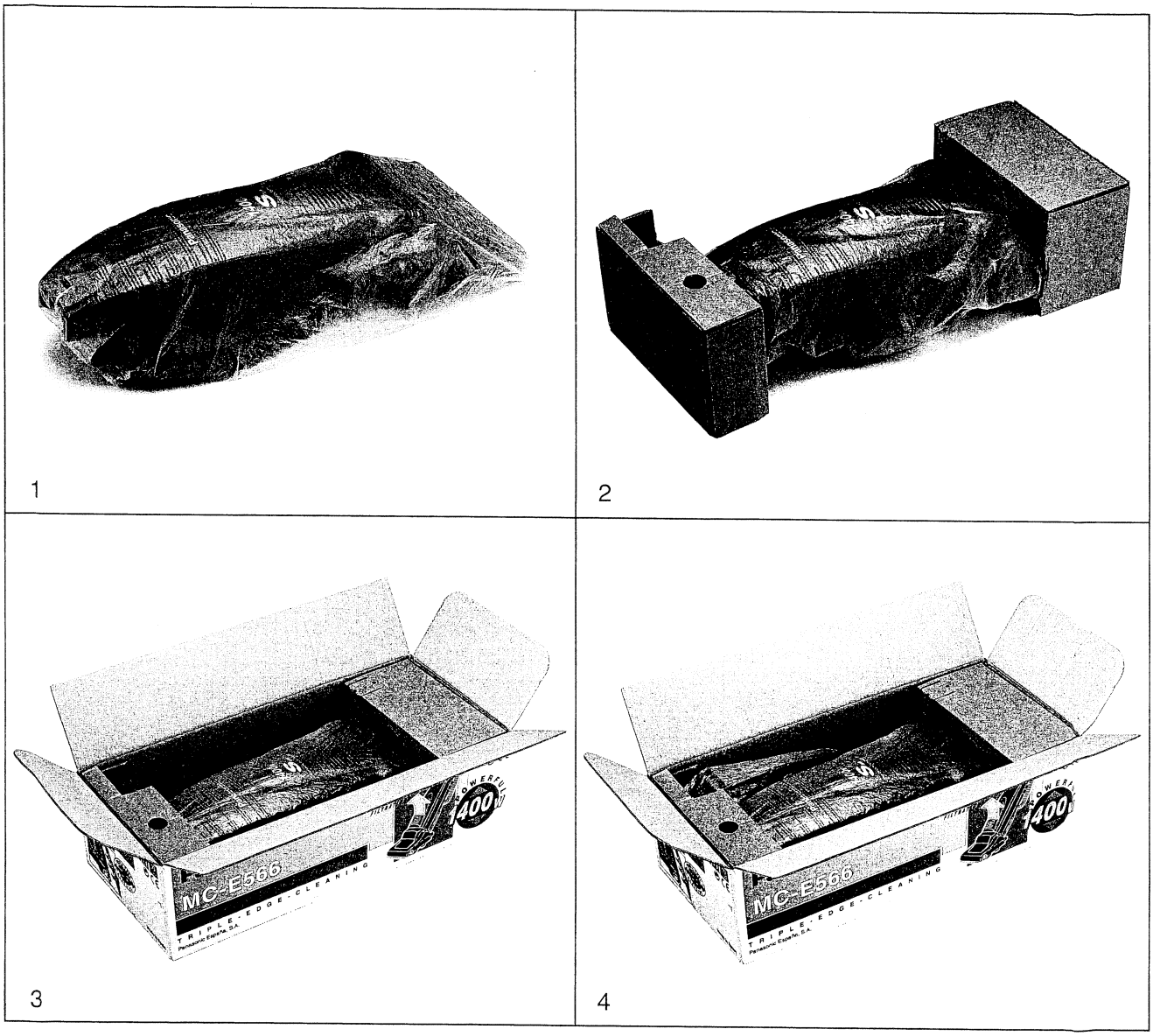
Fig. 30

■ TROUBLE SHOOTING GUIDE

CONDITION	CHECKPOINT	METHOD OF INSPECTION	CAUSE / REMEDY
Motor fails to rotate. (no noise is heard at all)	Power cord.	Check power cord continuity.	If there is no continuity, replace it.
	Motor continuity.	Check motor continuity.	If there is no continuity, replace it.
	Carbon brushes.	Check if there is gap between carbon brush and commutator.	If there is gap between carbon brush and commutator, replace both carbon brushes.
		Check the contact between carbon brush and commutator.	If the contact is not correct, replace the motor.
	ON/OFF Switch.	Check continuity across switch terminals.	If there is no continuity, replace it.
	Power control.	Short-circuit yellow and black lead wires from the power control and switch ON the vacuum cleaner.	If the motor works, replace the power control.
	Thermal-fuse.	Check thermal-fuse continuity.	If there is no continuity, replace it.
Motor runs but does not suction.	Hose or suction pipe.	Check if there is any blockage in the hose or suction pipe.	If there is any blockage, remove it.
	Dust bag / Central filter.	Check if dust bag is full or dust accumulated in central filter.	If paper bag is choked up, replace it. If central filter is completely dirt, clean or replace it.
Noise or vibration.	Dust in motor fan.	Check dust accumulated in motor fan. (It could happen if the vacuum cleaner has been used with a broken bag or without central filter.	If there is dust accumulated in the motor fan, replace the motor and check filter condition. (Never try to dismantle the motor fan).
	Carbon brushes.	Check uneven wear of carbon brushes.	If there is uneven wear, replace both carbon brushes.
	Rotary brush. (bearing support A/B)	Remove rotary brush assembly and check if bearing support A or B is broken or deformed.	If bearing support A or B is defective, replace it.
	Rotary brush. (bearings)	Place the rotary brush assembly on a flat surface and turn the rotary brush to check bearing noise or clearance.	If there is bearing noise or clearance, replace the rotary brush assembly.
Rotary brush does not rotate.	Belt.	Remove the base plate and check if the belt is broken or loose.	If the belt is broken, replace it. If loose, reinstall it.
Rotary brush does not stop.	Rotary pulley.	Remove base plate and check if there is blockage between fix and rotary pulley.	If there is any blockage, remove it or replace the rotary brush assembly.
(*)Dust sensor does not work properly.	Dust sensor fuse.	Check if dust sensor fuse is blown.	If it is blown, replace it with a time-lag fuse.
	Dust sensor circuit.	Check connections between circuits.	If the connections are correct, replace dust sensor circuit unit.
(*)Dust sensor. (GREEN light remains on even the carpet is dirty)	Hose inlet.	Check if hose inlet is clogged.	If there is any clogged, remove it.
	Suction inlet.	Check dirt sticking on the dust sensor.	Clean stuck dirt from the dust sensor.

Note: (*) For models MC-E567K, MC-E567 only.

■ PACKING INSTRUCTIONS



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